1. A composition comprising an essential oil in a gel carrier, said essential oil being obtained from a plant selected from the genera Salvia, Artemisia, Citrus, Juniperus, Laurus, Myristica, Origanum, Piper or Aloysia, said composition being for use in the treatment of a human or animal having a parasitic insect infestation.

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2. A composition as claimed in claim 1 wherein the concentration of essential oil is from about 0.1 to about 50% w/v of the composition.

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3. A composition as claimed in claim 2 wherein the concentration of essential oil is from about 0.1 to about 8% w/v of the composition.

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- 4. A composition as claimed in claim 3 wherein the concentration of essential oil is about 4% w/v of the composition.
- 5. A composition as claimed in any preceding claim wherein the gel is based on agar, agarose, gelatin or a synthetic gelling agent.
 - 6. A composition as claimed in claim 5 wherein the synthetic gelling agent is a gel based on glyceryl polymethacrylate and propylene glycol.

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- 7. A composition as claimed in claim 4 or claim 5 wherein the gel is a carboner.
 - 8. A composition as claimed in any one of claims

9. A composition as claimed in any preceding claim wherein said essential oil is obtained from Salvia lavandulifolia or Salvia officinalis.

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10. A composition as claimed in any one of claims 1 to 8 wherein said essential oil is obtained from a plant of the genera Citrus.

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11. A composition as claimed in any one of claims 1 to 8 which includes essential oil obtained from the plant genera Salvia and Citrus.

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12. A composition as claimed in claim 9 which comprises the essential oil of Salvia lavandulifolia at about 4% w/v dispersed in a gel diluted about 1:2 v/v with water.

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13. A composition as claimed in any preceding laim comprising an anti-pruritic agent.

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14. A composition as claimed in claim 13 wherein said anti-pruritic agent is Aloe vera.

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- 15. A composition as claimed in claim 14 wherein said composition includes Aloe wera gel.
- 16. A composition as claimed in claim 15 which comprises about 0.1 to about 5.0% w/v Aloe vera gel.

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- 17. A composition as claimed in any one of claims 12 to 16 which comprises about 0.5% w/v Aloe vera gel.
- 18. Use of a gel and essential oil selected from the essential oils defined in claim 1 in the manufacture of a composition for the treatment of a human or animal having a parasitic insect infestation.
 - 19. A method of treating a human or animal suffering from a parasitic insect infestation comprising applying to said human or animal a composition as claimed in any one of claims 1 to 17.
 - 20. A composition comprising an essential oil in an aqueous alcoholic vehicle wherein said vehicle comprises from about 0.1% up to about 20% alcohol v/v with water and wherein said essential oil is obtained from a plant selected from the genera Salvia, Artemisia, Citrus, Juniperus, Laurus, Myristica, Origanum, Piper or Aloysia, said composition being for use in the treatment of a human or animal having a parasitic insect infestation.
- 21. A composition as claimed in claim 20 wherein said vehicle comprises about 20% v/v alcohol with water.
- 22. A composition comprising an essential oil in a vehicle comprising an alcohol/vegetable oil mixture wherein said alcohol is present in said vehicle in an amount of about 0.1% up to about 20% v/v and wherein said essential oil is obtained from a plant selected from the genera Salvia, Artemisia, Citrus, Juniperus,

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Laurus, Myristica, Origanum, Piper or Aloysia said composition being for use in the treatment of an animal having a parasitic insect infestation.

5 23. A composition as claimed in claim 22 wherein said vehicle comprises about 20% alcohol v/v.

24. A composition as claimed in any one of claims 20 to 23 wherein the alcohol is isopropyl alcohol.

- 25. A composition as claimed in any one of claims 20 to 24 wherein said essential oil is obtained from Salvia lavandulifolia or Salvia officinalis.
- 26. A composition as claimed in any one of claims 20 to 24 wherein said essential oil is obtianed from a plant of the genera Citrus.
- 27. A composition as claimed in any one of claims 20 to 24 wherein said essential oil is obtained from the genera Salvia and Citrus.
- 28. A composition as claimed in any one of claims 20 to 27 which is formulated as a dip, spray or pour-on treatment.
- 29. Use of an aqueous alcoholic vehicle and an essential oil as defined in claim 20 in the manufacture of a composition for the treatment of a human or animal having a parasitic insect infestation.
 - 30. A method of treating a human or animal suffering from a parasitic insect infestation

comprising applying to said human or animal a composition as claimed in any one of claims 20, 21, 24, 25, 26, 27 and 28.

31. Use of a vegetable oil/alcohol vehicle and an essential oil as claimed in claim 22 in the manufacture of a medicament for the treatment of an animal having a parasitic insect infestation.

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32. A method of treating an animal having a parasitic insect infestation comprising applying to said animal a composition as claimed in any of claims 22 to 28.

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33. A composition for use as claimed in any one of claims 1 to 17 and 20 to 28 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

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34. A composition as claimed in claim 33 wherein said parasitic insects are selected from head lice (Pediculus humanus capitis, syn. P. capitis), clothing lice (Pediculus humanus humanus syn. P. corporis), pubic lice (Pthirius pubis), biting lice (Bovicula ovis), scab mite (Psoroptes ovis), ear mite (Psoroptes cuniculi), dust mites (primairly of the genus Dermatophagoides, pig mites, cat fleas (Ctenocephalalides felis), dog fleas (C. canis), horse fleas and Lucilia or Chrysomya species.

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35. A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings to a composition of the type defined in any one of claims 20, 21, 24, 25, 26, 27

and 29.

- 36. A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in any one of claims 20, 21, 24, 25, 26, 27 and 29.
- 37. A method as claimed in claim 36 wherein said parasitic insects are selected from the genera Aphis, Chilo, Dysderus, Megoura, Musca, Pieris, Nilaparvata, Nephotettix, Tetranychus, Trialeurodes, Thysanoptera or Lepidoptera.
- 38. A composition comprising an essential oil in a gel carrier, said essential oil being obtained from a plant selected from the genera Petergonium, Cymbopogan, Pimpinella, Myrtus (cretian, Morrocan, organe), Lavandula, Pinus, Melaleuca, Cinnamomum, Apium, Thymus, Hyssopus, Rosmellus, Cananga, Mentle, Eucalyptus or Vitex.

39. A composition as claimed in claim 38 wherein aid gel is as defined in any one of claims 5 to 7.

- 5 40. A composition comprising the alkaloid galanthamine for use in the treatment of a human or animal having a parasitic insect infestation.
- 41. A composition for use as claimed in claim 40
 30 wherein said composition comprises an extract of a plant of the genus *Narcissus*.
 - 42. A composition for use as claimed in claim 40 or 41 wherein said galanthamine or extract is

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dissolved in an oil-based medium, a water/alcohol based medium or is formulated as a hair conditioner or shampoo or as a gel, dip or pour on treatment.

43. A composition as claimed in claim 42 wherein said gel is as defined in any one of claims 5 to 7.

- 44. A composition as claimed in claim 42 wherein said galanthamine or extract is carried in a vehicle comprising from about 0/1 to about 20% alcohol (v/v).
 - 45. A composition as claimed in claim 44 wherein said vehicle comprises about 20% v/v isopropyl alcohol.
 - 46. Use of galanthamine or an extract of Narcissus in the manufacture of a composition for treating a human or animal suffering from a parasitic insect infestation.
 - 47. A method of treating a human or animal suffering from a parasitic insect infestation which comprises applying to said human or animal a composition as claimed in any one of claims 40 to 45.
 - 48. A composition for use as claimed in any one claims 40 to 45 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.
 - 49. A composition for use as claimed in claim 48 wherein said parasitic insects are selected from head lice (Pediculus humanus capitis, syn. P. capitis), clothing lice (Pediculus humanus humanus syn. P.

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- 50. A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings or clothing to a composition of the type defined in any one of claims 40 to 45, 48 and 49.
- 51. A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in any one of claims 40 to 45, 48 and 49.
- 52. A method as claimed in claim 86 to 42 wherein said parasitic insects are selected from the genera Aphis, Chilo, Dysdercus, Megoura, Musca, Pieris, Nilaparvata, Nephotettix, Tetranychus, Trialeurodes, Thysanoptera and Lepidoptera.
- 53. A composition comprising a gel carrier and one of, or a combination of two or more of, the terpenes and terpenoids shown to have insecticidal activity according to the data of Figures 7 to 10 for use in treating humans, animals, clothing and furnishings and plants having a parasitic insect infestation.
 - 54. A composition as claimed in claim 53 wherein said terpene or terpenoid is selected from one or more

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- 55. A composition as claimed in claim 53 which comprises a combination of sabinene with limonene and/or terpinen-4-ol.
 - 56. A composition comprising one of the terpenes and terpenoids shown to have insecticidal activity according to the data shown in Figures 7 to 10 at a concentration of about 4% by weight or above for use in treating humans, animals, clothing and furnishings and plants having a parasitic insect infestation.
 - 57. The composition of claim 56 modified to include one or more further terpene or terpenoid compounds from the list shown in Figures 7 to 10.

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